



**Electronic Submittal**

March 7, 2014

Ms. Marlene Dortch  
Federal Communications Commission  
445 12th Street, SW  
Washington, DC 20554

Re: Expression of Interest Letter – WC Docket 10-90, Connect America Fund

Dear Ms. Dortch:

This letter is submitted to Express Interest in participating in the Rural Broadband Experiments.

South Central Wireless, Inc. (SCW), is a non-regulated subsidiary of South Central Telephone Association, Inc. headquartered in Medicine Lodge, KS. South Central Telephone has been in operation since 1953 and the subsidiary since 2000. The combined companies have been deploying Fiber-to-the-Premise (FTTP) services since 2002 and are now utilizing Gigabit Active Ethernet networks in overbuild and greenfield environments where feasible and possible. Speed packages currently offered to residential and business customers range from 6Mbps/1Mbps to 100Mbps/100Mbps. South Central Wireless is also the owner and operator of IP switching and multi-gigabit transport networks.

Broadband networks, particularly high-speed broadband networks, are expensive to build and cost recovery typically requires multiple years in rural high-cost areas. South Central Wireless is very interested in partnering with the FCC to conduct experiments to find creative ways of deploying high-speed, scalable, IP-based networks in rural high-cost areas. In particular, SCW recognizes the need for service to be available to local schools, hospitals and other anchor institutions to ensure rural economic development and opportunity for all Americans. To that end, SCW will take all steps to ensure our experiments maximize accessibility for all anchor institutions in the proposed areas. The details of our potential experiment may be found below.



### ***Location of Potential Experiments and Demographic Data***

South Central Wireless is interested in providing service to eligible locations in Census Tracts identified below.

County	State	Tract ID	Locations	Covered Sq Mi	FO Rt Miles	Rough Const Est (\$000)
Barber	KS	20007968100	127	64.9	51.9	\$ 1,560
Barber	KS	20007968200	76	104.7	49.7	\$ 1,490
Pratt	KS	20151968600	432	133.8	107	\$ 3,211
Pratt	KS	20151968700	26	10.1	14.3	\$ 429
Pratt	KS	20151968800	39	17.8	18.8	\$ 564
Alfalfa	OK	40003955600	34	0.4	3.2	\$ 129
Alfalfa	OK	40003955700	102	28.6	38.9	\$ 1,167

### ***Broadband Technology***

Although specific census block data supporting the eligible tracts is not available at this time, the company used the CAF-2 Census Blocks as a basis for preparing a very rough desk top estimate for potential FTTP overbuilds including route miles and square miles covered. For extremely high cost locations SCW would propose to use a combination of FTTP and fixed WiMax wireless for broadband coverage.

### ***Service Offerings***

The IP Network described above will be capable of delivering gigabit broadband services and local and long distance voice services where FTTP is deployed. Where WiMax is deployed the service packages would range from 4Mbps/1Mbps to 10Mbps/1Mbps.

South Central Wireless thanks the FCC for the opportunity to participate in this process. If you have any questions, please feel free to contact me by phone or email.

Sincerely,

Eric Ryker  
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South Central Wireless, Inc.  
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